

## RED IRON OXIDE CHLORINATED RUBBER PRIMER

### RANA 216 P

#### Product information

- 1-Anticorrosive primer.
- 2-Excellent water resistance.
- 3-Designed for application directly over steel.
- 4-Fast drying.

#### Physical data

Colour:	Red, brown
Finish:	Flat
Flash point:	24 <sup>°C</sup>
Volume solids:	50 ±2%
D.f.t:	50-60 microns
Specific gravity:	1.5 ± 0.05gr/cm <sup>3</sup>
Theoretical coverage:	10 m <sup>2</sup> /lit (at 50 μ d.f.t)
Drying time at 25 <sup>°C</sup> :	
touch dry:	30 min
dry to handle:	2 hrs
full cure:	72 hrs
Component:	1
Application methods:	Conventional spray or brush or airless spray or roller
Recoat intervals* :	10 <sup>°C</sup> 25 <sup>°C</sup> 40 <sup>°C</sup>
(mild condition) : Min:	6 hrs      2 hrs      1 hrs
Max:	24 hrs      10 hrs      6 hrs
Recommended thinner:	RANA THINN 26
Recommended cleaner:	RANA CLEAN 26
Shelf life:	6 months when stored indoors in unopened Original containers at 5 to 40 <sup>°C</sup> (cool and dry place).
Curing mechanism:	By solvent release
Substrate:	Steel

\*: For recoating the surface should be free of dust ,grease and contamination

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#### Typical uses

As a primer and rust prevent for steel .

Other uses are:

Ships hulls,decks and super structures,offshore structures and piping in chemical plants,refineries, bridges and cranes.

#### Application information

This RANA CHEM's product is a red iron oxide chlorinated rubber primer for immersion and nonimmersion systems.

To obtain the maximum performance for which this product is formulated,strict adherence to all application , instructions.precautions,conditions and limitations is necessary.

#### Application equipment

The following equipment is listed as a guide and suitable equipment from other manufactures may be used.

Adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics.

1-Airless spray:standard airless spray having a fluid tip with a 0.38 to 0.54 mm orifice.

2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with A 1.6- 1.8 mm orifice .

3-Brush/roller.

4- Mixer

#### Caution

1-Keep away from heat and open flame.

2-Keep containers closed.

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- 3-Use with adequate ventilation.
- 4-Avoid prolonged and repeated contact with skin.
- 5-Use fresh air masks and explosion proof equipment.
- 6-Take precautionary measures against static discharges.

### Application procedure

- 1-Flush equipment with recommended cleaner before use.
- 2-Stir all material thoroughly before applying.
- 3-Thinning with thinner as needed for workability.
- 4- Apply a wet coat by even, parallel passes. overlap each pass 50% to avoid bare areas, pinholes or holidays. small damaged or bare areas and random pinholes or holidays can be repaired by simply applying additional material.
- 5-In confined areas ventilate with clean air during application and drying until all solvents are removed. Temperature and humidity of ventilating air must be such that moisture condensation will not form on surface.
- 6-Clean all equipment with recommended cleaner immediately after use.

### Environmental condition

Environmental temperature must be 10-40 °C  
Surface temperature must be at least 3 °C above dew point to prevent condensation. At freezing temperature surface must be free of ice and relative humidity below 80 %.

### Surface preparation

Sand blasting to a standard of Sa 2.5 – Sa3 , SIS 05 5900 , ISO 8501-1.